

Remarks

Claims 1-2 and 4-6 have not been amended as it is believed that Applicant has pointed out how the claims as presented properly distinguish his method from the art cited by the Examiner and as explained above. Claim 3 although amended remains basically the same as originally filed: the duplicate "wherein" has been removed from the claim.

Figure 1 has been amended to show the wellhead and valves discussed in the methods claims. Figure 1 is an informal drawing and upon acceptance by the Examiner a drawing meeting the requirements of the Office will be submitted. The item listing has been amended to include the additional wellhead valves and the valves have been identified in the specification.

Acceptance of the amendment, which have been shown NOT to add new material, is hereby respectfully requested. With acceptance of the amendment, it is believed that the application is in condition for allowance.

Respectfully submitted

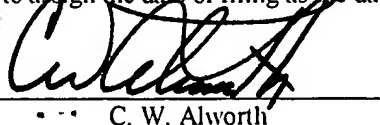


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CERTIFICATE OF EXPRESS MAILING

I certify that the attached Response and Amendment was mailed by Express Mail, prepaid, Receipt Number EV 405149937 US on August 2, 2004. Under the Rules the Commissioner is hereby respectfully requested to assign the date of filing as the date of Express Mailing.



C. W. Alworth

Item Listing (revised)

Offered as an aid to examination – to be included in the application at the discretion of the Examiner

1	Barrel		
11	Barrel Auxiliary Valve Face		
12	Barrel Entry Pin Aperture	4	Safety Ring
13	Barrel to Stinger or Valve Cage Threads	41	Safety Ring Safety Shear Pin Aperture
14	Barrel Lip	42	Optional Safety Ring O-ring Groove
		43	Optional Safety Ring O-ring
2	Original Head (Prototype)		
20	Preferred Head	400	Tubing Pump Retrieving Collar
21	Head Valve Face	401	Retrieving or Fishing Slot
22	Head to Pump (Ball and Seal) Threads	402	Retrieving Collar to Head Threads
23	Harbison-Fischer Adapter		
24	Harbison-Fischer Valve Piece	5	Safety Shear Pin
25	Head to Adapter Threads		
26	Head to Piston Threads	6	Entry Shear Pin
27	Harbison-Fischer Adapter to Pump (Ball and Seal – Standing Valve) Threads	7	Piston O-rings
28	Head Piece		
		8	Vent-Dump or Venting Port (Aperture) (Preferred embodiment)
3	Piston		
30	Piston to Head Threads		
31	Piston ring	82	Vent Port (Aperture) (Prototype embodiment)
32	Piston Entry Pin Aperture		
35	Piston Upper O-ring Groove		
37	Piston Lower O-ring Groove	9	Dump Port or Aperture
39	Piston Safety Shear Pin Aperture		
		10	The Instant Device in General
300	Prototype Piston		
330	Piston to Head Threads	100	Valve Cage
331	Cocking Ring	101	Pump Ball and Seal Assembly
332	Piston Cocking Pin Aperture	102	Pump
333	Piston First Upper O-ring Groove	103	Optional Standing Head Valve
334	Piston Second Upper O-ring Groove	104	Pull Rod
335	Piston First Upper Dump O-ring Groove	105	Sucker Rod string
336	Piston Second Upper Dump O-ring Groove	106	<u>Wellhead Valve</u>
337	Piston First Lower Dump O-ring Groove	107	<u>Wellhead Valve</u> Christmas Tree
338	Piston Second Lower Dump O-ring Groove	108	<u>Wellhead Valve</u>
339	Piston Safety Shear Pin Aperture		